



Indiana Department of Environmental Management
Office of Water Quality
Wetlands Section

Publication Date:
November 1, 2010

IDEM ID Number:
2010-467-10-JWR-A

Closing Date:
November 22, 2010

Corps of Engineers ID Number:
LRL-2004-228-ncc

PUBLIC NOTICE

To all interested parties:

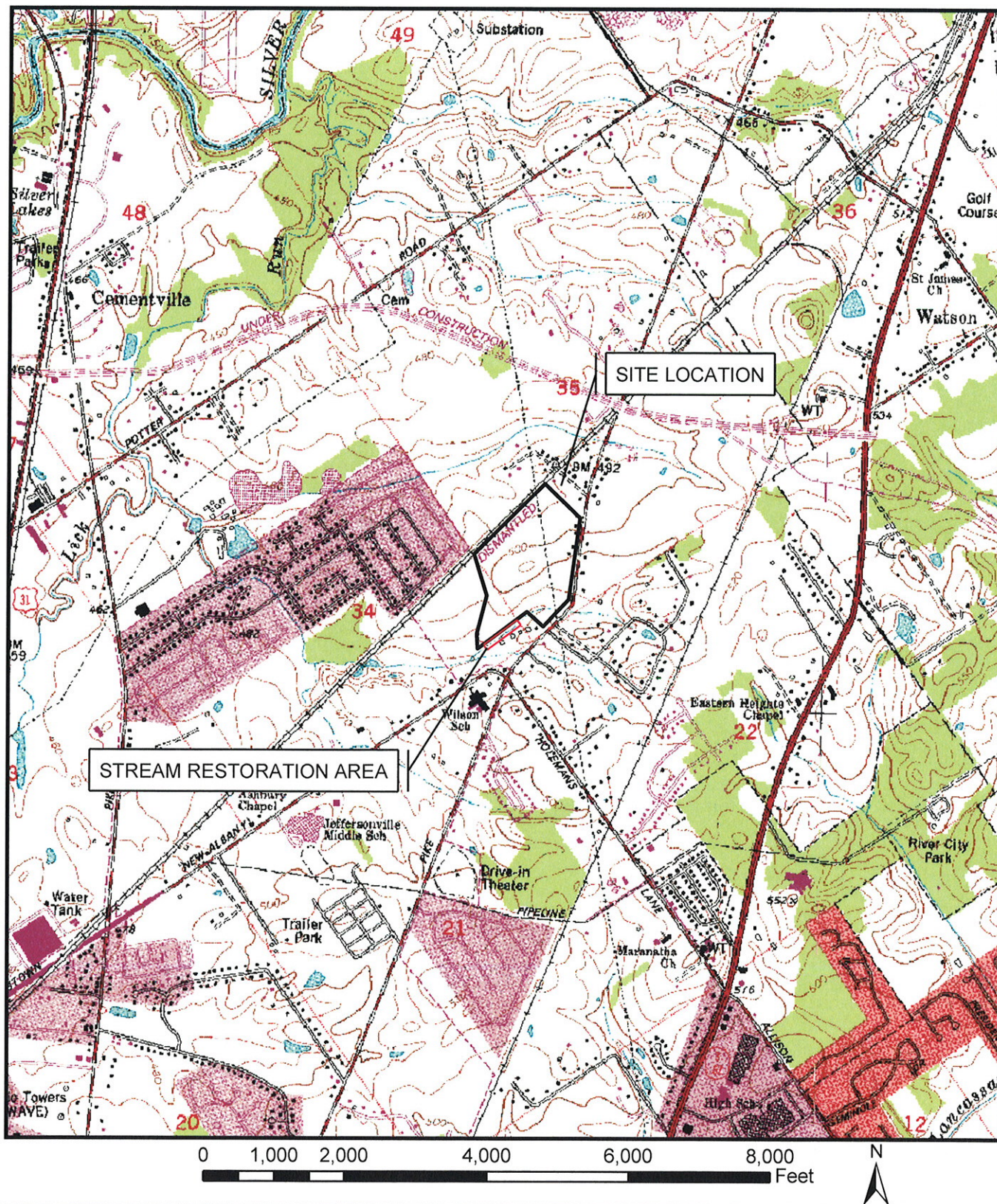
This letter shall serve as a formal notice of the receipt of an application for **Section 401 Water Quality Certification** by the Indiana Department of Environmental Management (IDEM). The purpose of the notice is to inform the public of active applications submitted for water quality certification under Section 401 of the Clean Water Act (33 U.S.C. § 1341) and to solicit comments and information on any impacts to water quality related to the proposed project. IDEM will evaluate whether the project complies with Indiana's water quality standards as set forth at 327 IAC 2.

- | | | | |
|--------------------------------|--|------------------|--|
| 1. Applicant: | Mr. Mark Hammel
Dominion Homes of Kentucky
10035 Forest Green Blvd.
Louisville, KY 40223 | 2. Agent: | Mr. Neil Guthals
Redwing Ecological Services, Inc.
1139 South 4 th Street
Louisville, KY 40203 |
| 3. Project location: | SW ¼, Section 35, Township 25 South, Range 7 East, Clark County, Jeffersonville USGS Quad.
From I-65 go East on I-265 to S.R. 62 South to Holemans Lane West. Site is located at the NW intersection of Charleston Pike and Holemans Lane. | | |
| 4. Affected waterbody: | Intermittent tributary to Lick Run. | | |
| 5. Project Description: | The applicant proposes to relocate approximately 530 linear feet of an intermittent tributary to Lick Run in order to complete the Village at Armstrong Farm development previously approved under IDEM ID No. 2004-328-10-JWR-A. The remaining portion of the development contains the intermittent tributary to Lick Run. As compensatory mitigation for the proposed impacts, the applicant will reconstruct approximately 515 linear feet of stream channel with a forested riparian corridor 30 feet in width. For additional information please visit the following webpage address: http://www.in.gov/idem/6394.htm . | | |

- Comment period:** Any person or entity who wishes to submit comments or information relevant to the aforementioned project may do so by the closing date noted above. Only comments or information related to water quality or potential impacts of the project on water quality can be considered by IDEM in the water quality certification review process.
- Public Hearing:** Any person may submit a written request that a public hearing be held to consider issues related to water quality in connection with the project detailed in this notice. The request for a hearing should be submitted within the comment period to be considered timely. The request should also state the reason for the public hearing as specifically as possible to assist IDEM in determining whether a public hearing is warranted.
- Questions?** Additional information may be obtained from Mr. Jason Randolph, Project Manager, at 317-233-0467. Please address all correspondence to the project manager and reference the IDEM project identification number listed on this notice. Indicate if you wish to receive a copy of IDEM's final decision. Written comments and inquiries may be forwarded to -

Indiana Department of Environmental Management
100 North Senate Avenue
MC65-42 WQS IGCN 1255
Indianapolis, Indiana 46204-2251
FAX: 317/232-8406

Source: USGS Topographic Map. Jeffersonville Quadrangle, Clark County, Indiana.



VILLAGE AT ARMSTRONG FARM CLARK COUNTY, INDIANA

FILE: Redwing\03-068\Site location

REDWING PROJECT: 03-068-01

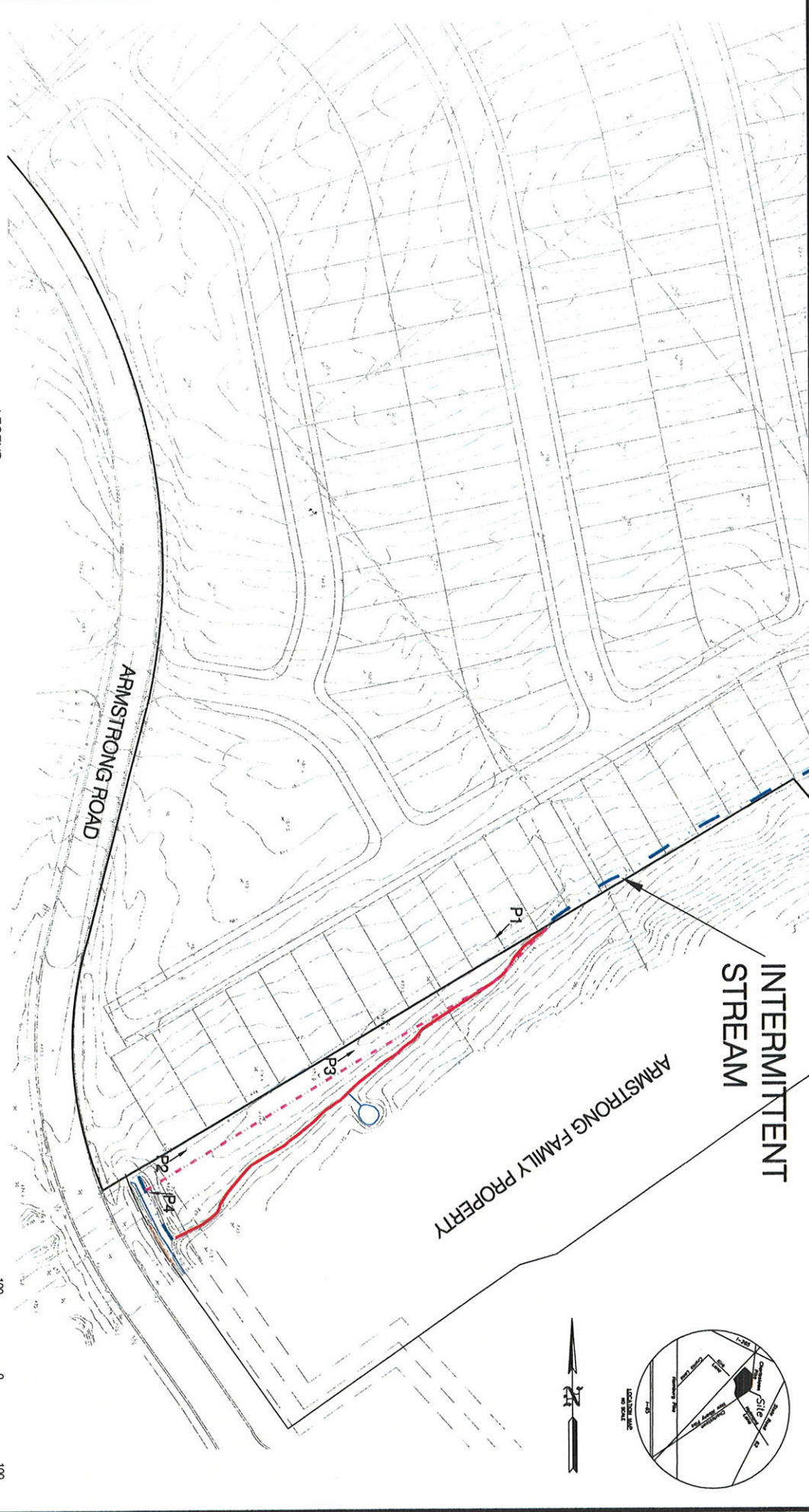
REVISION DATE 9/24/10

DRAWN BY LMB/NAG



SITE LOCATION MAP

FIGURE 1



- LEGEND**
- INTERMITTENT STREAM
 - PROPOSED STREAM IMPACT
 - PROPOSED STREAM RELOCATION
 - P1 — PHOTO LOCATION AND DIRECTION

SOURCE: BASEMAP PROVIDED BY ANGEL SCOTT AND ASSOCIATES, INC.

VILLAGE AT ARMSTRONG FARM	
CLARK COUNTY, INDIANA	
FILENAME: MIF PLAN FIG2	DRAWN BY: NAGBLD
PROJECT NO.: 03-008-01	REVISION DATE: 02/20/10



STREAM RELOCATION DETAIL

PRESERVATION AREA

NOT TO SCALE

Table 2. Tree and Shrub Riparian Corridor Planting List.

Scientific Name	Common Name
Trees	
<i>Acer rubrum</i>	Red Maple
<i>Acer saccharum</i>	Silver Maple
<i>Betula nigra</i>	River Birch
<i>Carya laciniosa</i>	Shadbark Hickory
<i>Dioglycos virginiana</i>	Persimmon
<i>Liquidambar styraciflua</i>	Black Walnut
<i>Liriodendron tulipifera</i>	Sweetgum
<i>Populus deltoides</i>	Yellow Poplar
<i>Quercus alba</i>	Eastern Cottonwood
<i>Quercus macrocarpa</i>	White Oak
<i>Quercus rubra</i>	Bur Oak
Shrubs	
<i>Ilex decidua</i>	Deciduous Holly
<i>Cornus racemosa</i>	Gray Dogwood
<i>Cornus alternifolia</i>	Silky Dogwood
<i>Lindera benzoin</i>	Spidelash
<i>Viburnum dentatum</i>	Arrowwood
<i>Cornus florida</i>	Flowering Dogwood
<i>Physocarpus opulifolius</i>	Norfolk
<i>Carex canadensis</i>	Reedbed

Table 1. Stream Bank Groundcover Planting List

Scientific Name	Common Name
<i>Chasmodon latifolium</i>	River Oats
<i>Echinochloa crusgalli</i>	Barnyard Grass
<i>Elymus virginicus</i>	Virginia Wild Rye
<i>Hystrix patula</i>	Bootheenush Grass
<i>Panicum clandestinum</i>	Deertrough Panic Grass
<i>Panicum microcarpum</i>	Panic Grass
<i>Poa pratensis</i>	Switchgrass
<i>Secale cereale</i>	Annual Rye

VILLAGE AT ARMSTRONG FARM
CLARK COUNTY, INDIANA

FILENAME: RCP PG 3
PROJECT No. 03/06/01
REVISION DATE 02/01/10



TYPICAL CROSS SECTION OF
STREAM RESTORATION

Table 1: Stream bank Seeding List.

Scientific Name	Common Name
<i>Chasmanthium latifolium</i>	River Oats
<i>Echinochloa crusgalli</i>	Barnyard Grass
<i>Elymus virginicus</i>	Virginia Wild Rye
<i>Hystrix patula</i>	Bottlebrush Grass
<i>Panicum clandestinum</i>	Deertongue Panic Grass
<i>Panicum microcarpon</i>	Panic Grass
<i>Panicum virgatum</i>	Switchgrass
<i>Poa pratensis</i>	Bluegrass
<i>Secale cereale</i>	Annual Rye

Tree and shrub species that will be planted within the riparian area, depending upon availability, are listed in Table 2. Three-gallon containerized trees and shrubs will be planted from the top of bank to the edge of the preservation easement on 27-foot centers. The planting will be implemented during the first dormant season following initiation of construction activities, and the riparian area will be planted at a density of 60 stems per acre. Five tree species and three shrub species will be included in the planting. In order to promote tree growth and reduce surrounding vegetative competition, annual herbicide treatments may be conducted around the planted trees.

Table 2: Tree and Shrub Riparian Corridor Planting List.

Scientific Name	Common Name
Trees	
<i>Acer rubrum</i>	Red Maple
<i>Acer saccharinum</i>	Silver Maple
<i>Betula nigra</i>	River Birch
<i>Carya laciniosa</i>	Shellbark Hickory
<i>Diospyros virginiana</i>	Persimmon
<i>Juglans nigra</i>	Black Walnut
<i>Liquidambar styraciflua</i>	Sweetgum
<i>Liriodendron tulipifera</i>	Yellow Poplar
<i>Populus deltoids</i>	Eastern Cottonwood
<i>Quercus alba</i>	White Oak
<i>Quercus macrocarpa</i>	Bur Oak
<i>Quercus rubra</i>	Red Oak
Shrubs	
<i>Cercis canadensis</i>	Redbud
<i>Cornus amomum</i>	Silky Dogwood
<i>Cornus florida</i>	Flowering Dogwood
<i>Cornus racemosa</i>	Gray Dogwood
<i>Ilex deciduas</i>	Deciduous Holly
<i>Lindera benzoin</i>	Spicebush
<i>Physocarpus opulifolius</i>	Ninebark
<i>Viburnum dentatum</i>	Arrow-wood